Production Flow Lines for Bushings and Bracket Insulators

Available conveyor type ovens are only suitable for drying times of the order of 4 hours and are, therefore, not suitable for high voltage insulators that require 24 hours drying time. It was, therefore, decided to construct three such conveyors in series to form a single unit. The modifications that were required to the ovens are described. Steam injection was used to retard the initial rate of the drying. Hitherto, some types of insulators have been turned in two operations which have now been combined into one. The procedure is illustrated diagramatically in Fig 4 and is explained.

Card 2/2

There are 4 figures, no references.

SUBMITTED: December 22, 1958

FEDOREY, V.G.

General hydrochemical characteristics of rivers of the Amur Basin. Trudy Dal'nevost. NIGMI no.8:85-94 '59. (MIRA 13:8)

(Amur Valley--Water--Composition)

SOV/110-59-9-8/22

AUTHORS: Fedorenko, V.G., Kuznichenko, A.N., Prikhod'ko, A.I., Brisenko, V.K., and Morozenko, V.Ya. (all Engineers)

TITLE: Mechanised Flow Lines for the Manufacture of Telephone and Telegraph Insulators

PERIODICAL: Vestnik elektropromyshlennosti,1959,Nr 9,pp 28-30 (USSR)

ABSTRACT: The usual methods of manufacturing small telephone and other insulators involves the use of gypsum moulds and is very laborious. The first step in mechanisation is to use metal moulds, which were first introduced in the Tokarovskiy Works in 1957. A semi-automatic moulding machine is now in use with telescopic metallic moulds. The machine and moulds are operated by compressed air at a pressure of 4 atm. The inner part of the moulding tool rotates first in one direction, then in the other, and cuts a thread in the insulator. The outer part of the tool rotates in one direction only. The tool moves backwards and forwards as well as rotating. This semi-automatic moulding machine can produce up to 4000 insulators a shift. In addition to this machine there is a pneumatically-operated trimming lathe of the same output. Waste clay from the moulding and trimming machines is immediately returned to the vacuum press on the return half of the

Card 1/2

Mechanised Flow Lines for the Manufacture of Telephone and Telegraph Insulators

conveyor belt. Thus the scrap pieces are always quickly used and do not have time to become dry or dirty. Thuringia-type conveyor driers 19 metres long are used to dry the insulators. The insulators are glazed on semi-automatic roundabout machines illustrated in Fig 2; the principles of operation are briefly described. As will be seen from the general illustration of the flow line given in Fig 3, all the work is handled on conveyors. The introduction of mechanisation has cut production time by two days and only a third of the former number of workers is required. Immediate and continuous use of scrap clay without re-milling has cut consumption by a factor of 1.2.

Card 2/2

There are 3 figures and 2 Soviet references.

FEDORENKO, V.G., inzh.; KUZNICHENKO, A.N., inzh.; PRIKHOD'KO, A.I., inzh.
BRISENKO, V.K., inzh.; MOROZENKO, V.Ya., inzh.

Continuous line for the production of porcelaine used in electric equipment. Vest.elektroprom. 31 no.1:58-59 Ja '60.
(MIRA 13:5)

(Assembly-line methods) (Porcelain)

FEDORENKO, V.G., inzh.; KUZNICHENKO, A.N., inzh.; MINAYEV, V.P., inzh.

Conveyers for armoring, painting and electric testing of high-voltage insulators. Vest.elektroprom. 33 no.1:72-75 Ja '62. (MIRA 14:12)

(Conveying machinery)
(Electric insulators and insulation)

FEDORENKO, V.I.

The activists' group is our support. Neftianik 7 no.11:31-32 N '62. (MIRA 16:6)

1. Sekretar' Krasnodarskogo krayevogo komiteta professional'nogo soyuza rabochikh neftyanoy i khimicheskoy promyshlennosti. (Krasnodar Territory—Petroleum industry)

SATSKIY, V.A.; SHTEFAN, P.T.; FEDORENKO, V.K.

Mastering the rated capacity of continuous light-section and wire rod mills. Mat. i gornorud. prom. no. 2:65-66 Mr-Ap '64. (MIRA 17:9)

SATSKIY, V.A.; FEDORENKO, V.K.

Introducing fluid friction bearings on continuous wire-rod mills. Met. i gornorud. prom. no.3:63-64 My-Je '64. (MIRA 17:10)

PIONTKOVSKIY, Vladimir Fedorovich, inzh.-stroitel'; FEDORENKO, Vasiliy Nesterovich, inzh.-ekonomist; ISHCHENKO, N.S., red.

[Manual on the operation of apartment houses and public buildings] Spravochnik po ekspluatatsii zhilykh i obshchestvennykh zdanii. Kiev, Budivel'nyk, 1964. 330 p. (MIRA 17:12)

SHMARTS,V.L., inzhener; ZAYDLIN.G.S.; FEDORENKO,V.N.

Preparation of a magnetic suspension. Vest.mash.35 no.8:64-66 Ag'55. (MLRA 8:10)

(Magnetic testing)

DOBROVA, P. F., GORIN, T. I., SUKHENKO, S. D., FEDORENKO, V. P., PRUSSAKOV, A. A. TSEKHMISTRENKO, P. Ye.

Fruit Culture.

Prospects for developing fruit culture in the areas of great Communist construction projects. Sad i og., no. 6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, _____1953. Unclassified.

VAKULIN, A.A.; V'YUNOV, S.F.; GORIN, T.I.; IVASHCHENKO, P.S.; KOMOVA, A.G.; KORNEYEV, V.A.; KOROSTELEVA, M.Ya.; LOBACHEV, A.Ya.; LASHMANOV, I.Ya.; MALYCHENKO, V.V.; MOROZOVA, A.M.; PANSHIN, I.A.; PROSVIROV, A.S.; ROZHKOVA, M.V.; YUROVA, N.F.; FEDORENKO, V.P.; TSEKHMISTRENKO, P.Ye.; SHEVCHENKO, I.S.; FEDOROV, N.A., red.; IZHBOLDINA, S.I., tekhn.red.

[Brief manual on the cultivation of fruits, berries, and grapes and the management of nurseries in Stalingrad Province] Kratkii spravochnik po plodovo-iagodnym kul'turam, vinogradu i pitomnikam dlia Stalingradskoi oblasti. Stalingrad, Stalingradskoe knizhnoe izd-vo, 1960. 215 p. (MIRA 14:3)

1. Stalingrad (Province) Upravleniye sel'skogo khozyaystva. (Stalingrad Province--Fruit culture)

FEDORENKO, V.S.

VOLODIN, A.P.; FEDORENKO, V.S.

Mechanized labor for underground haulage in the Krivoy Rog Basin. Gor. shur. no.5:62-65 My '57. (MIRA 10:6)

1. Nauchno-issledovatel'skiy gornorudnyy institut.
(Krivoy Rog--Iron mines and mining) (Mine haulage)

FEDORENKO, V.S.

Methods of studying fractures in hard and semihard rocks in engineering geological investigations for the construction of hydroelectric power centers in folded regions. Vest.Mosk. un.Ser.biol., pochv., geol., geog. 14 no.2:159-164 '59. (MIRA 13:4)

1. Kafedra gruntovedeniya i inzhenernoy geologii Moskovskogo gos. universiteta.
(Rocks) (Engineering geology)

ZINCHEVSKIY, N.P.; PROKHODA, A.Z., gornyy inzh.; FEDORENKO, V.S., gornyy inzh.

Improvement of quality indices in extracting iron ores at the Krivoy Rog Basin mines. Gor. zhur. no.9:16-18 S '65. (MIRA 18:9)

1. Glavnyy inzh. tresta Leninruda (for Zinchevskiy). 2. Nauchno-issledovatel'skiy gornorudnyy institut, Krivoy Rog (for Prokhoda, Fedorenko).

MERZLYAK, A.N., inzh.; RAPOPORT, G.S., inzh.; FEDORENKO, V.S., inzh.

Using fireproof gypsum-perlite plasters. Mont.i spets.rab.v stroi. 22 no.4:24-25 Ap '60. (MIRA 13:8)

1. Institut teploproyekt i TSentral'nyy nauchno-issledovatel'skiy institut protivopozharnoy oborony.
(Plaster) (Building, Fireproof)

YAKOVLEV, A.I., kand.tekhn.nauk; MILOVANOV, A.F., kand.tekhn.nauk;
BUSHEV, V.P., inzh.; FEDORENKO, V.S.

Fire resistance of thin-walled panels made of mesh-reinforced sand concrete. Bet. i zhel.-bet. no.5:224-228 My '61.
(MIRA 14:6)

(Reinforced concrete construction)
(Fire testing)

ACCESSION NR: AR4031095 S/0270/64/000/003/0014/0014

SOURCE: Referativny*y zhurnal. Geodeziya. Otdel'ny*y vy*pusk, Abs. 3.52.86

AUTHOR: Fedorenko, V. S.

TITLE: Possibilities of use of a color aerial photographic survey in geological engineering investigations for alinement of new highways

CITED SOURCE: Sb. nauchn. soobshch. Vses. n.-i. in-t transp. str-va, vy*p. 8, 1963, 147-154

TOPIC TAGS: geodesy, geology, engineering, geodetic engineering, aerial camera, photographic film, aerial photography, highway alinement, aerial camera light filter, aerial color film, aerial spectrozonal film

TRANSLATION: On the basis of experimental and practical work done by various organizations (Tsentral'nyy nauchno-issledovatel'skiy institut geodezii, aerofotos-"yemki i kartografii (Central Scientific Research Institute of Geodesy, Aerial Mapping and Cartography), Laboratoriya aerometodov AN SSSR (Aerial Methods Labora-

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ACCESSION NR: AR4031095

tory, Academy of Sciences USSR), Moskovskiy gosudarstvennyy universitet (Moscow State University), Vsesoyuznoye aerofotolesoustroitel'noye ob"yedineniye (All-Union Forest Aerial Photographic Survey Association), Sel'khozaeros"yemka (State Agricultural Aerial Photographic Administration), Vsesoyuznyy nauchno-issledovatel'skiy marksheyderskiy institut (All-Union Scientific Research Mine Surveying Institute), and others), the author demonstrates the possibility and efficiency of use of color and spectrozonal aerial photographs in geological engineering field work for the alinement of highways. It has been established that color, especially spectrozonal, aerial photography can be accomplished under the same illumination conditions which are necessary for surveys with black and white aerial film. A weak ZhS-3 light yellow light filter can be used to decrease the influence of haze in a color aerial survey with natural color transmission. A more uniform illumination of the photograph field at the time of exposure when taking photographs with wide-angle aerial cameras (focal length 100 mm) can be attained by use of special additional filters of colorless or colored glass coated with a sprayed layer of beryllium, gradually becoming thicker toward the center. Experimental investigations have shown that the smallest possible scale of color photography with natural transmission of colors is 1:15,000 and in spectrozonal photography is 1:25,000 (and not 1:10,000, as was assumed earlier). The tediousness and cost of develop-

Card 2/3

ACCESSION NR: AR4031095

ment and processing of color positives and negatives can be reduced if the color aerial photographs alternate with black and white (when studying a stereopair of photographs of which one is colored and the other is black and white the perception of the color image is preserved) and only in individual parts of the flight line. The use of color and spectrozonal photographs in geological engineering field work for the alinement of highways increases its quality and reduces the length of ground survey lines by 20-30%. Bibliography of 11 items. A. Zenina.

DATE ACQ: 02Apr64 SUB CODE: AS ENCL: 00

Card 3/3

FEDORENKO, V.S., inzh.

Aerogeological methods in engineering and geological investigations.
Trudy TSNIIS no.53:4-22 '64.

Results of the aerogeological prospecting for building materials.
Ibid.:55-62 (MIRA 17:12)

KOCHKONOGOV, V.P., inzh.; FEDORENKO, V.S., inzh.

Aerogeological prospecting for building materials. Trudy TSNIIS no.53:23-41 '64. (MIRA 17:12)

FEDORENKO, Ya.A.

In the Coordinating Council on Welding. Avtom. svar. 15 no.6: 95 Je '62. (MIRA 15:5)
(Welding research)

FEDORENKO, Ya.A.

In the Coordinating Council on Welding. Avtom.svar. 17 no.1: 95 Ja '64. (MIRA 17:3)

FEDORENKO, Ya.A.

Research carried on by the Coordinating Council on Welding. Avtom. svar. 17 no.5:96 My '64. (MIRA 17:11)

FEDORENKO, Ya.A.

In the coordination council on welding. Avtom.svar. 18 no.1:79-80 Ja '65. (MIRA 18:3)

[redacted], Ya.A.

In the coordinating council on welding. Avtom. svar. 18 no.4:78 Ap '65. (MIRA 19:6)

FFLORENKO, Ya.A.

Meeting of the scientific council on the question of new welding processes and welded structures. Avtom. svar. 18 no.8:80 Ag '65. (MIRA 18:11)

S/169/63/000/001/040/062
D263/D307

AUTHOR: Fedorenko, Ya.D.

TITLE: Geochemical prospecting methods for gold deposits in the Trans-Baykal

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 1, 1963, 9-10, abstract 1D51 (Byul. nauchno-tekhn. inform. M-vo geol. i okhrany nedr SSSR, 1962, no. 1 (35), 41-42)

TEXT: The geochemical survey methods used in the Trans-Baykal in prospecting for gold deposits include spectroscopic metallometry and aurimetry and the assessment of concentrates. The prospecting was carried out along the dispersion aureoles of Au and the associated elements: Pb, Cu, As, Ag, Sb, Mo and W. The investigations began with surveys on a scale 1:100,000 - 1:50,000. Aurimetric surveys and assessment of concentrates were carried out to confirm the connection of the observed aureoles with gold mineralization. In the prospecting for deposits covered by a thick blanket of soil the author recommends that hydrogeochemistry and biogeochem-

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B/169/63/000/001/040/062
D263/D307

Geochemical prospecting ...

istry should be used together with the usual methods. From the results obtained the combined dispersion aureples of gold and associated elements were defined in the covering soils, in waters and in plants. Some of these are now checked by mining and drilling investigations.

[Abstracter's note: Complete translation]

Card 2/2

FEDORENKO, Ya.D.

Selection and treatment of assays in fluorometric surveys in eastern Transbaikalia. Zap. LGI 45 no. 2:114-118 '63. (MIRA 17:5)

FEDORENKO, Ya.D.

Determining the fluorine content in metallometric samples.
Razved. i okh. nedr 29 no.11:47-49 N '63.
(MIRA 17:12)

FEDORENKO, Ya.D.; MENAKER, Ye.A.

Estimating the prospects for fluorite deposits from their secondary dispersion halos. Sov. geol. 7 no.3:133-135 Mr '64. (MIRA 17:10)

1. Zabaykal'skaya geofizicheskaya ekspeditsiya Chernovitskogo gosudarstvennogo universiteta.

FEDORENKO, Ye.G., prof., otv. red.; ZAYKO, N.N., prof., zam. otv. red.; OKHRIMENKO, Yu.M., red.; KOLOMIYCHENKO, M.S., zasl. deyatel' nauki Ukr.SSR prof., red.; SHAKHBAZYAN, G.Kh., prof., red.; IVANCHENKO, T.L., prof., red.; GURVICH, S.S., dots., red.; KRAVCHUK, M.I., dots., red.

[Philosophical problems in medicine and biology] Filosofskie voprosy meditsiny i biologii. Kiev, Zdorov'ia, 1965. 255 p. (MIRA 18:10)

1. Kiev. Medychnyi instytut. 2. Chlen-korrespondent AMN SSSR (for Shakhbazyan).

ACC NR: AP7002409 SOURCE CODE: UR/0363/66/002/012/2246/2247

AUTHOR: Kaydanov, V. I.; Mel'nik, R. B.; Fedorenko, Ye. Sh.

ORG: Polytechnic Institute im. M. I. Kalinin, Leningrad (Politekhnicheskiy institut)

TITLE: Growing of highly doped n-type lead telluride single crystals and determination of the distribution of iodine, chlorine and bromine

SOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 2, no. 12, 1966, 2246-2247

TOPIC TAGS: lead compound, telluride, distribution coefficient, single crystal growing

ABSTRACT: n-Type PbTe single crystals were grown by zone melting, and the dopants used were PbI_2, $PbBr_2$ and $PbCl_2$ with excess lead (2 at. % or 3×10^{20} cm^{-3}). This combination of impurities is thought to produce one electron in the conduction band per atom of halogen. X-ray structural and metallographic analyses showed the ingots obtained to be single crystals and bicrystals. The distribution of the impurities over the length of the ingot was described by the equation of normal crystallization for the three halides with different values of the effective distribution coefficients. Since each halogen atom gives one electron in the conduction band only in the presence of excess lead, it is assumed that the effective distribution coefficients being sought characterize the distribution of the simplest groups PbI, PbBr and PbCl in the

Card 1/2 UDC: 546.815'241:537.311.33

ACC NR: AP7002409

PbTe lattice. For the ingot containing the PbI_2 impurity, the effective coefficients were determined for two crystallization rates. This made it possible to obtain the value of the equilibrium coefficient of the simplest group from the relation

$$K_{eff} = \frac{K_0}{K_0 + (1 - K_0)e^{f\delta/D}}$$

where K_0 is the equilibrium distribution coefficient, K_{eff} the effective distribution coefficient, f the growth rate, δ the thickness of the diffusion layer, and D the diffusion coefficient. Since δ/D is determined mainly by the properties of the solvent and is independent of the type of impurity, the value of δ/D found for the PbI group and equal to 0.6×10^3 was used for the determination of the equilibrium distribution coefficients of PbCl and PbBr. The values obtained are shown in Table 1. Orig. art. has: 2 figures and 2 tables.

Table 1

Ion	r_a, Å	K_0
Te^{2-}	2.11	—
I^-	2.2	0.19
Br^-	1.96	0.043
Cl^-	1.81	0.029

SUB CODE: 07/ SUBM DATE: 14Oct65/ ORIG REF: 003/ OTH REF: 003

Card 2/2

L 11330-65 EWT(d) IJP(c)

Lavrenʹko, Yu. D.

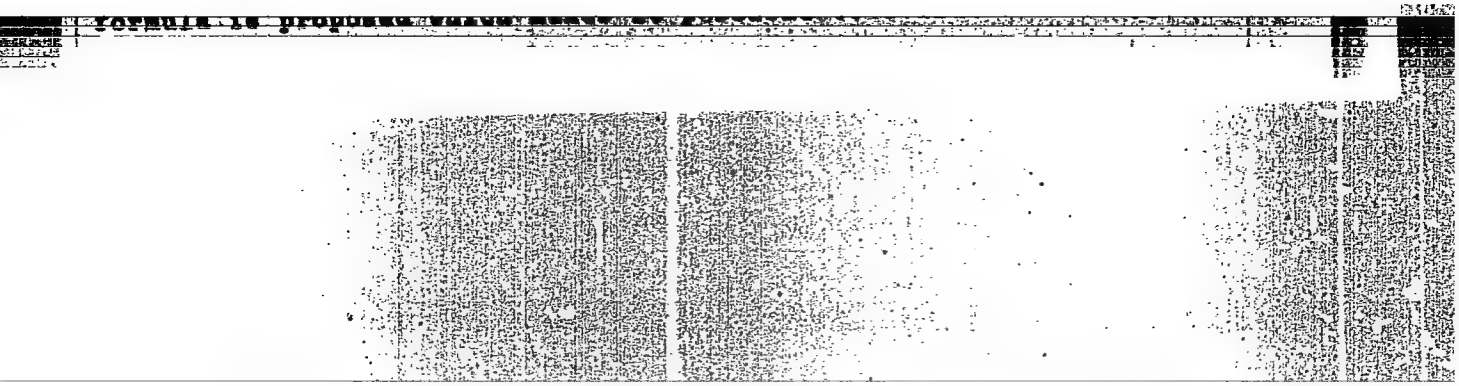
Formula for approximate evaluation of double integrals.

AN UkrRSR. Dopovidi, no. 8, 1964, 1000-1005

...n integral evaluation, double integral substitution

$$\iint_{\sigma} f(x, y)\, g(x, y)\, dx dy.$$

...where $f(x,y)$ is a function differentiable a sufficient number of times ...
... and y. $g(x,y)$ is a function integrable over the ...



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0

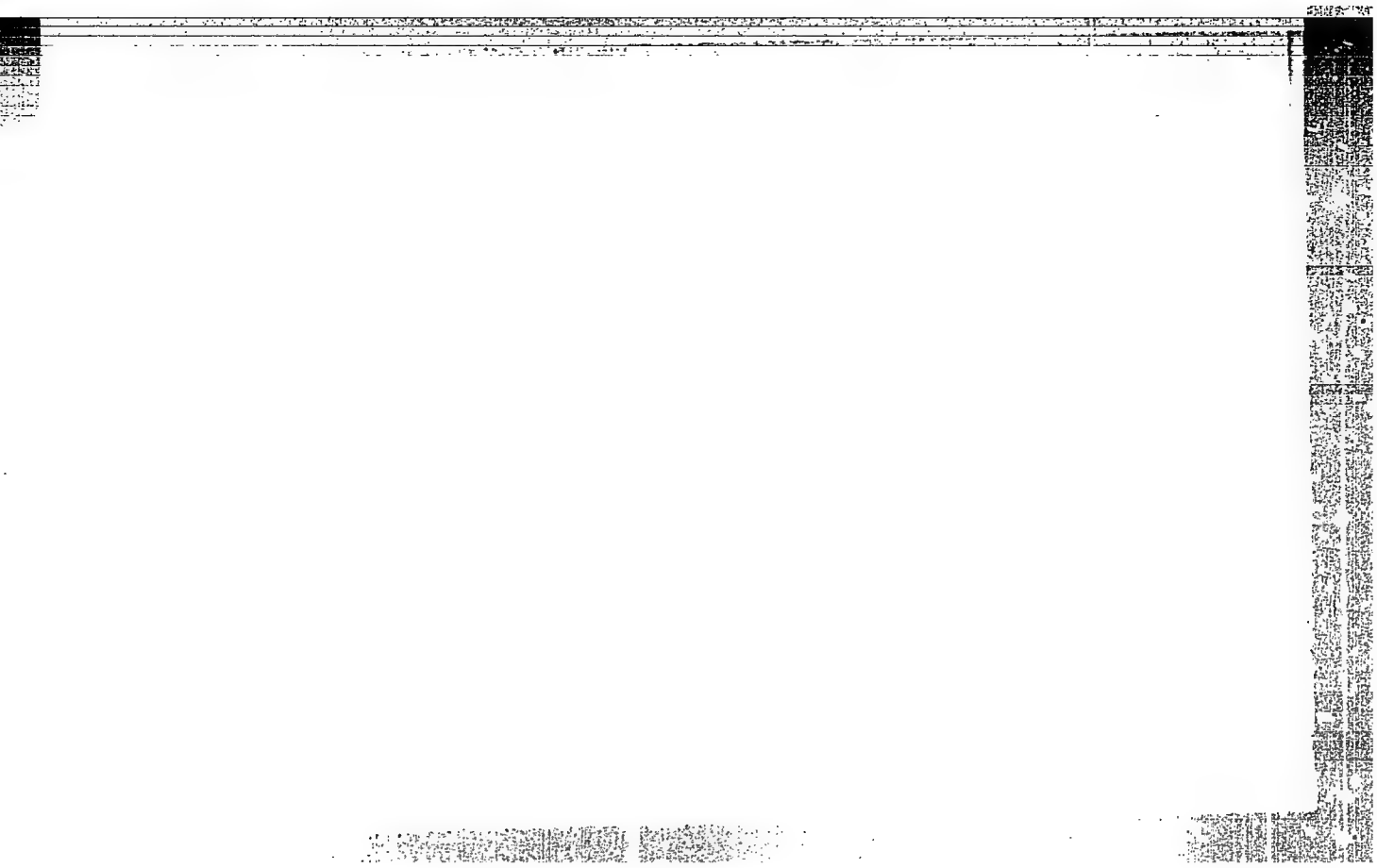
double integral in terms of values of integrands and their derivatives [illegible] of the integration region. The approximate evaluation [illegible] integral

$$\int\int_D u(x, y)\,dx\,dy,$$

[illegible] region $D(-1, +1, -1, +1)$ is studied [illegible]. The following formula is derived

$$\int\int_D u(x, y)\,dx\,dy = \sum_{i=0}^{n-1}\sum_{j=0}^{n-1} \frac{a_{ij}}{(n!)^2}\{u_{ij}P_n^{(n-i-1)}(x)P_n^{(n-j-1)}(y)\}_{-1}^{+1}\Big|_{-1}^{+1} + R_n,$$

where $P_n(x)$ and $P_n(y)$ are arbitrary polynomials of no more than the [illegible] with coefficients at x^n and y^n equal to unity. It is proved that $\lim_{n\to\infty} R_n = 0$, i.e., that the integration process is con- [illegible]. The important problem of the best selection of $P_n(x)$ and [illegible] considered in the article.



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YANYSHEVA, N.Ya.; FEDORENKO, Z.P.; KOSTOVETSKIY, Ya.I.

Content of 3,4 benzpyrene in the waste waters of coke and coal chemicals industries. Koks i khim. no.10:44-45 '63. (MIRA 16:11)

1. Ukrainskiy institut kommunal'noy gigiyeny.

TIMIREV, N.P.; FEDORENKOV, A.I.

Propagation of nonsymmetrical waves along a conical helix with variable parameters. Radiotekh. i elektron. 10 no.4:760-762 Ap '65.
(MIRA 18:5)

SOV-120-58-1-27/43

AUTHORS: Sanina, T. A., Sanin, A. A., Fedorenkova, N. R.

TITLE: The Triggering of Gas Discharge Devices (Zazhiganiye gazorazryadnykh priborov)

PERIODICAL: Pribory i Tekhnika Eksperimenta, 1958, Nr 1, pp 116-119 (USSR)

ABSTRACT: An investigation is made of the dependence of discharge delay on a number of factors such as overvoltage, the magnitude of the starting current, frequency of repeat discharges, etc. The following were studied: MN-3, MN-5, MN-6, MTKh-90. A special generator of rectangular pulses which delivers pulses whose duration is 5 - 200 μ/sec was used. The amplitude of these pulses was within the range 0 - 200 V and the repetition frequency from a few 10ths of c/s to 10 Kc/s. The circuit used to apply the pulses to the gas discharge tube is shown in Fig.1. The pulses are delivered to the tube through the capacitor C and then to a parallel circuit one arm of which consists of the gas discharge tube in series with a resistance R_1 while the other arm contains a resistance R_2 . Fig.2 shows current pulses through the

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The Triggering of Gas Discharge Devices.

valve taken across the resistance R_1 for different frequencies of the potential applied to the tube. At lower frequencies the current pulses take longer to develop. As can be seen from this figure, the time taken for the discharge to develop at constant frequency is constant from pulse to pulse, and only after a certain interval of time a statistical scatter sets in (Curve 4). Thus the initial electron current decreases with time and finally becomes sufficiently small so that the statistical delay becomes commensurable with the time taken by the discharge to develop. Fig.3 shows the delay in the discharge of a neon valve (MN-5) as a function of the repetition frequency of the applied potential and the amplitude of this potential. Fig.3 shows that the mean statistical delay time depends more strongly on the frequency of a repeat discharge than on the time of formation of the discharge. Fig.4 shows the delay time of the discharge on the voltage across the valve. The form of this curve can be represented by a curve of the form:

$$\tau = \frac{a}{V - V_3} \exp(- b/V)$$

Card 2/4 in which a and b are constants independent of the voltage

The Triggering of Gas Discharge Devices.

V and V_3 is the voltage at which spark-over occurs. Fig. 5 shows the effect of a constant potential on the time of formation of the discharge as a function of the interval of time between discharges. The continuous curve was taken with zero voltage between discharges while the dotted curve was taken with a DC voltage of 10 volts between the discharges. It is clear that the DC voltage has an effect on the time of formation of the discharge but only for very small intervals between discharges. Finally, the concentration of ions as a function time was determined. This was done by the method suggested by Dandurand (Ref.3). It was found that the electron concentration depends linearly

The Triggering of Gas Discharge Devices.

on time. There are 7 figures, 1 Soviet, 1 German and 1 English reference.

ASSOCIATION: Nauchno-issledovatel'skiy institut yadernoy fiziki MGU, Moskovskiy aviatsionnyy institut (Scientific Research Institute for Nuclear Physics of the Moscow State University, Moscow Aviation Institute)

SUBMITTED: June 25, 1957.

1. Gas discharges--Equipment 2. Gas discharges--Control systems
3. Gas discharges--Electrical factors

FEDORETS, A. (Vil'nyus)

The organization of wage payments to workers and employees.
Bukhg. uchet. 15 no.8:32-33 Ag '56. (MLRA 9:10)

1. Glavnyy bukhgalter tresta "Vil'nyusstroy."
(Wages--Accounting)

D'YAKOV, N.V., podpolkovnik meditsinskoy sluzhby; FEDORETS, B.A., kapitan meditsinskoy sluzhby

Use of some forms of sanitary control in the navy. Voen.-med. zhur. no.7:44-46 Jl '61. (MIRA 15:1)

(NAVAL HYGIENE)

FEDORETS, B.A.

Role of the housefly in the epidemiology of dysentery in Vladivostok. Trudy VladIEMG no.2:185-191 '62.

(MIRA 18:3)

FEDORETS, G.I.

New variant in stoping in manganese mines. Gor. zhur. no.7:34-35 Jl '61. (MIRA 15:2)

1. Glavnyy inzh. shakhty No.24 rudoupravleniya im. 40-letiya Oktyabrya.
(Nikopol' region(Dnepropetrovsk Province)—Stoping(Mining))

FEDORETS, G.I.; KOBLITSKIY, G.V.

From work practices of fully mechanized stoping sections in manganese ore mines. Met. i gornorud. prom. no. 2:70-72 Mr-Ap '64. (MIRA 17:9)

FEDORETS, G.I., gornyy inzh.; KIRPIKIN, V.V., gornyy inzh.

Experience and prospects for using metal supports at the 40th Anniversary of the October Mine of the Nikopol'-Marganets Trust. Gor. zhur. no.9:25-28 S '64.
(MIRA 17:12)

1. Trest Nikopol'-Marganets.

KOROTKEVICH, V.N., inzh.; FEDORETS, I.G., inzh.

Continuous control of cast-iron temperature in smelting furnaces. Mashinostroenie no.1:34-36 Ja-F '63.
(MIRA 16:7)

1. Luganskiy filial Instituta avtomatiki Gosplana UkrSSR.
(Smelting furnaces) (Thermostat)

KOCHO, V.S., doktor tekhn.nauk; FEDORETS, I.G., inzh.; KOVALEV, A.S., inzh.

Using water-cooled thermocouples for a continuous control of Bessemer smelting by the temperature of metal. Mashinostroenie no. 2:50-52 Mr-Ap '64. (MIRA 17:5)

STOYANCHENKO, S.I.; FEDORETS, I.G.; NEMIROVSKIY, R.G.; ANDREYEV, N.V.

Improving thermal conditions in converter smelting. Stal' 24 no.5:423-424 My '64. (MIRA 17:12)

1. Luganskiy zavod mashinostroyeniya im. Parkhomenko i Luganskiy filial Instituta avtomatiki Gosplana UkrSSR.

GOLIK, G.Kh., student IV kursa; FEDORETS, I.P., student V kursa

Professor Petr Ivanovich Shatilov, founder of the original Russian school of therapeutics. Klin.med. 34 no.8:87-91 Ag '56. (MIRA 12:8)

1. Iz kafedry propedevtiki vnutrennikh bolezney (zav. - zasluzhennyy deiatel' nauki prof. V.M.Kogan- Yasnyy) lechebnogo fakul'teta Khar'kovskogo meditsinskogo instituta i 26-y klinicheskoy bol'nitsy (glavnyy vrach M.M.Gorodnichenko).
(BIOGRAPHIES
Shatilov, Petr I.)

KOGAN-YASNYY, V.M., zasl.deyat.nauki, prof.; FEDORETS, I.P., student

Role of blood diastase determination in diagnosing concealed internal hemorrhages. Vrach.delo no.10:1075-1077 O '57. (MIRA 10:12)

1. 26-ya klinicheskaya gorodskaya bol'nitsa i terapevticheskaya klinika Khar'kovskogo meditsinskogo instituta.
(DIASTASE) (HEMORRHAGE)

GAYDAMAKA, M.G.; FEDORETS, I.P.; DROMASHKO, A.S.

Characteristics of the virological diagnosis of influenza in 1961.
Vrach.delo no.11:134-136 N '62. (MIRA 16:2)

1. Khar'kovskiy institut vaktsin in syvorotok.
(INFLUENZA—MICROBIOLOGY)

L 38803-66 EWT(d)/T/EWP(1) IJP(c) CC UR/GD

ACC NR: AT6008558 SOURCE CODE: UR/0000/65/000/000/0040/0043

AUTHOR: Fedorets, O. L.

ORG: none

TITLE: Decoding device

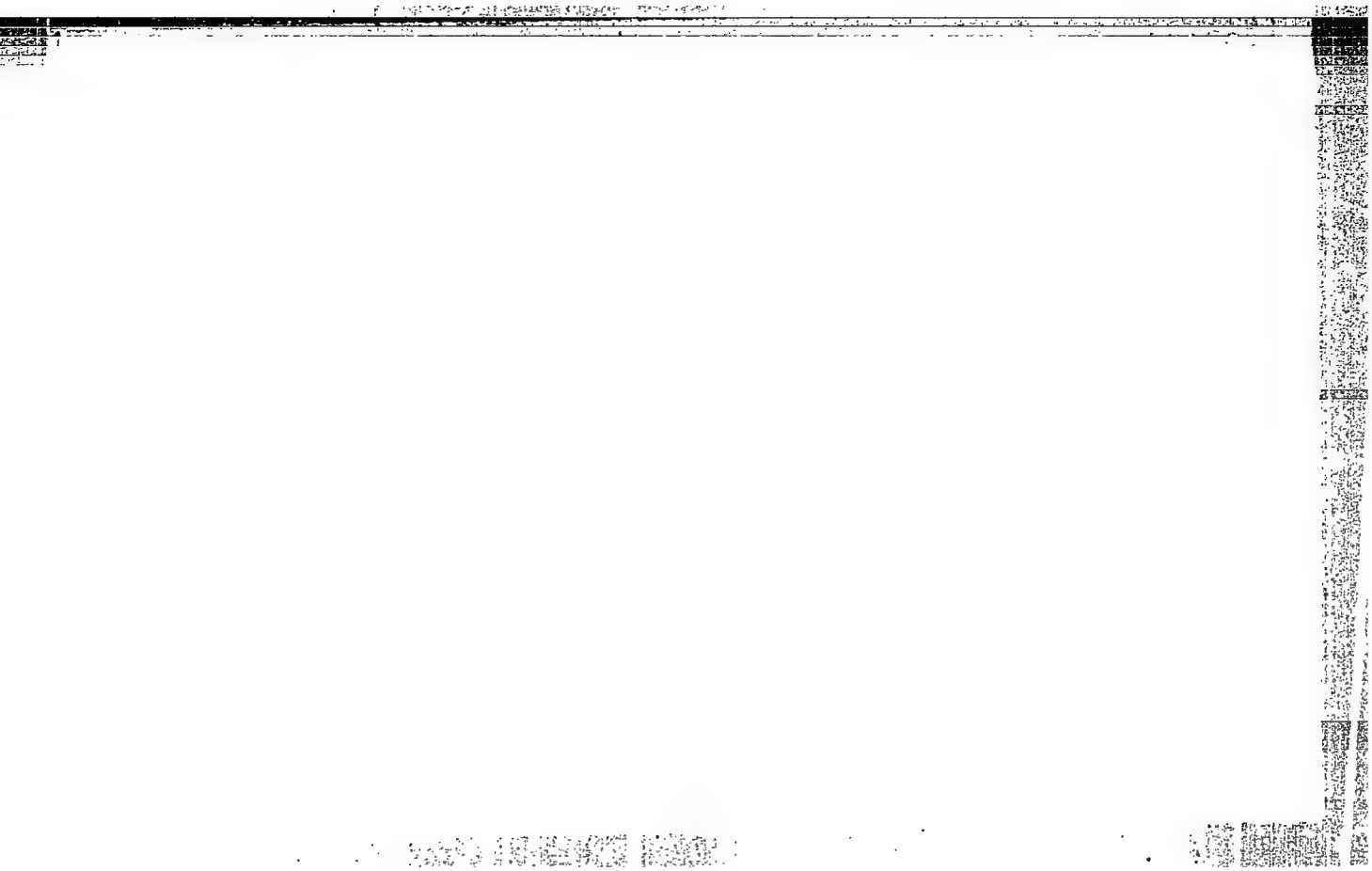
SOURCE: AN SSSR. Institut nauchnoy informatsii. Chitayushchiye ustroystva (Reading devices). Moscow, VINITI, 1965, 40-43

TOPIC TAGS: computer technology, analog decoder, reading machine

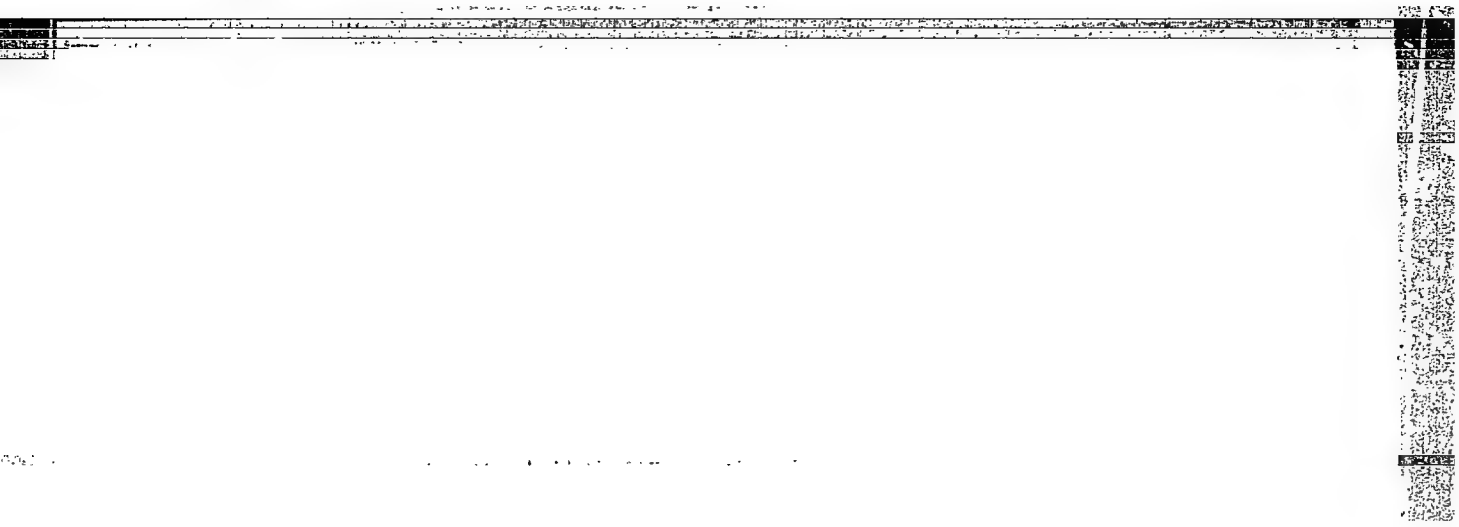
ABSTRACT: A new decoding system was developed to facilitate the decoding of sign codes produced by reading machines in the presence of defects in the typescript and machine noise. Codes are assigned to classes depending on their similarity to standards stored in the commutator. The measure of similarity is the number of noncoincident sectors (digits) and code distance. Given a certain minimal code distance, the machine can be made to correct the input code as well as decipher it. The decoder consists of analog comparison circuits at the output of which signal amplitudes are proportional to the degree of difference between the code and the standard. The advantages of the machine are: 1) a small number of transistors, 2) simplicity of the circuits, and 3) high speed operation. Orig. art. has: 4 figures, 2 formulas.

SUB CODE: 09/ SUBM DATE: 09Sep65

Card 1/1



APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610015-1"



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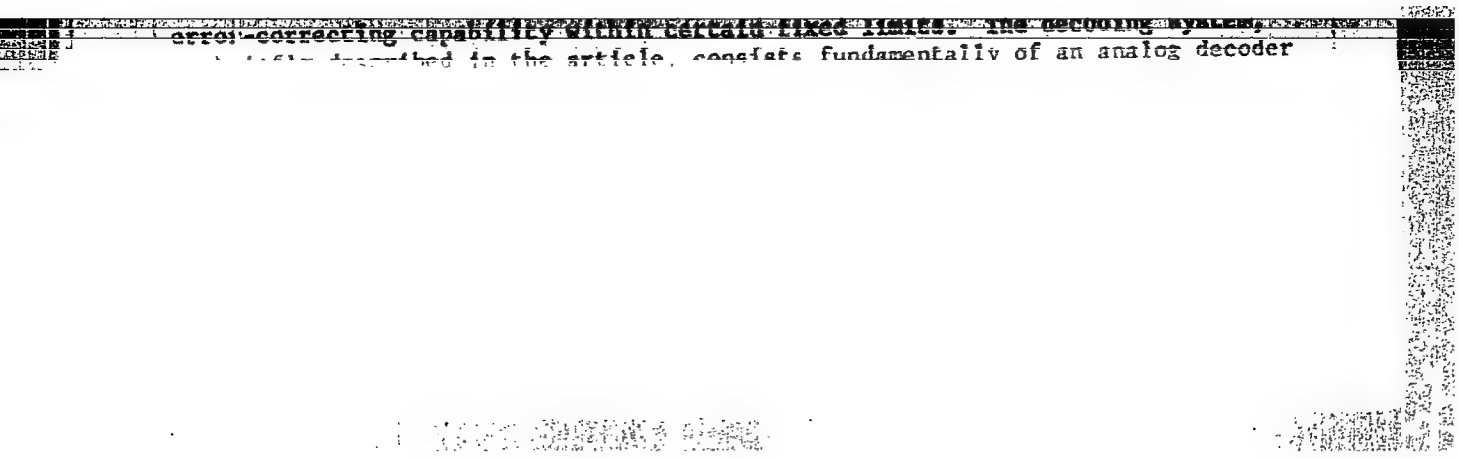
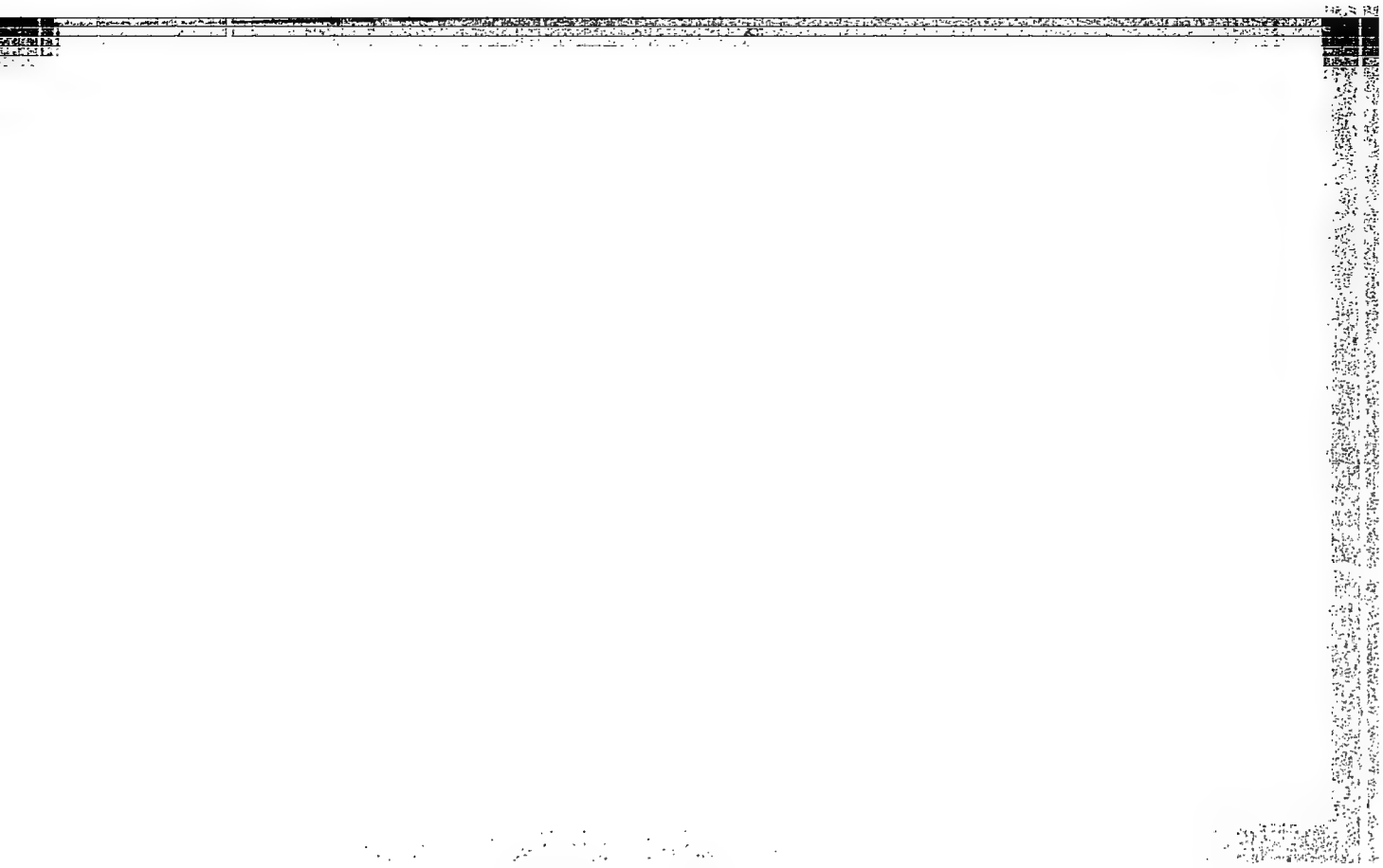




APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000412610015-1"

ACC NR: AP7004770 SOURCE CODE: UR/0413/67/000/001/0085/0085

INVENTOR: Romanov, V. P.; Fedorets, O. L.; Sidorin, Yu. M.

ORG: none

TITLE: Scanning unit of an automatic readout device. Class 42, No. 190059

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 1, 1967, 85

TOPIC TAGS: optic scanning, data readout, computer output unit

ABSTRACT: The proposed scanning unit of an automatic reading device contains an image-into-electric-signal conversion system. To increase the reliability of image perception, the following elements are used: a two-dimensional fitter containing a shift register; a video-signal summing d—c amplifier; a reference-signal summing d-c amplifier; and a comparator. The input weighting resistors of the video-signal d-c amplifier are connected with the outputs of the shift register cells, the input weighing resistors of the reference signal d-c amplifier are connected with the source of the reference signal, and outputs of both d-c amplifiers are connected with the inputs of the comparator. Orig. art. has: 1 figure. [JP]

Card 1/2 UDC:681.142.07:621.391.88

ACC NR: AP7004770

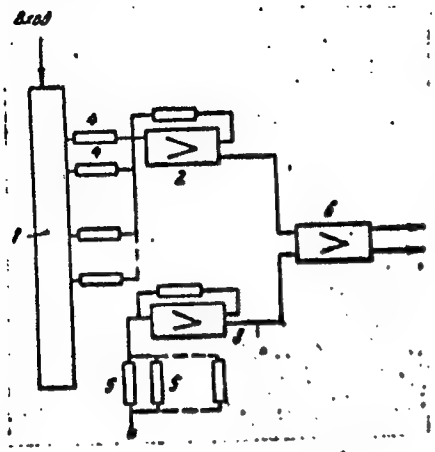


Fig. 1. Scanning unit

1 - Register; 2 - video-signal d-c amplifier; 3 - reference-signal d-c amplifier; 4,5 - weighing resistors; 6 - comparator.

SUB CODE: 09/ SUBM DATE: 21May64/

Card 2/2

FEDORETS, V. A., Cand. Tech. Sci. (diss) "Investigations of Hydraulic Automatic Operators to Multiple-Shaft Automatic Turning Lathes," Kiev-Minsk, 1961, 20 pp. (Belorussian Polytech. Inst.) 200 copies (KL Supp 12-61, 275).

S/124/62/000/006/003/023
D234/D308

26.2190

AUTHOR: Fedoreta, V. A.

TITLE: Investigating kinematic characteristics of a hydraulic auto-operator

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 6, 1962, 24, abstract 6A173 (Sb. nauchn. tr. aspirantov Kiyevsk. politekhn. in-ta, Kiev, 1961, 73-88)

TEXT: Results are presented of an experimental investigation of kinematic characteristics of a hydraulic auto-operator. The basic diagram of control of the working organ of the auto-operator is given. It is established that the duration of a working cycle of the operator is determined by the working regime of the hydraulic system, the velocity of rotation of the camshaft of machine tool and by the position of command cams on the camshaft. It has been found experimentally that optimum working regimes of the hydraulic system of auto-operator investigated here are realized at a pressure of 10 to 15 ata in the system and an oil temperature of 20°

Card 1/2

Investigating kinematic ...

to 30°C. In this case the duration of the full working cycle of the auto-operator is 10 to 11 sec. If pressure in the system increases and the oil temperature rises, the velocity of displacement of working organs also increases. Considerations regarding the design of a hydraulic system of auto-operators are presented. High stability of operation with respect to time was observed in the system investigated. The deviation from calculated time did not exceed 4.5%. [Abstracter's note: Complete translation.]

Card 2/2

BONDAR', M.P., dotsent, kand.tekhn.nauk; FEDORETS, V.A., inzh.

Coefficients of static friction. Vest.mash. 41 no.4:30-32 Ap '61. (MIRA 14:3)
(Friction)

FEDORETS, V.A., kand. tekhn. nauk; SIDORKO, I.V., inzh.

Calculating the time of the operating cycle of a hydraulically controlled operator. Mashinostroenie no.1:21-25 Ja-F '63.
(MIRA 16:7)

1. Kiyevskiy politekhnicheskiy institut.
(Hydraulic control)

FEDORETS, V. A.

41988. BARABASHEV, N. P., CHEKIRDA, A. T., FEDORETS, V. A.-- Ob osveshchennosti zemnoy poverkhosti primym i rassennym solnechnym. Ushen. Zapiski khar'k. Gos. un-ta im. Gor'kogo, T. XXVIII. Publikatsii Astron. Observatorii, t. VIII, 1948, S. 21-27

SO: Letopis' Zhurnal'nykh Statey, Vol. 47, 1948

FEDORETS, V. A.

42001. FEDORETS, V. A.-- Fablyudeniya khromosfery solntsa na spektrogelioskope khar'kovskoy astronomicheskoy observatorii (s 11 sentyabrya 1946 g. po 31 iyulya 1947 G.) Uchen. Zapiski khark. Gos. Un-ta im. Gor'kogo, t. XXVIII. Publikashii astron. Observatorii, t. VIII, 1948. S. 99-118

SO: Letopis' Zhurnal'nykh Statey, Vol. 47, 1948

KRISENKO, L.I.; FEDORETS, V.A.; RAPOTA, R.M.

Photographic photometry of chromospheric formations. TSir. Astron. obser. Khar.un. no.14:3-7 '55. (MLRA 9:12)
(Photometry, Astronomical)(Sun--Flocculi)

YEZERSKIY,V.; FEDORETS,V.

Experiment in photographic spectrophotometry of the moon's surface. Astron.tsir. no.159:18-20 My'55. (MLRA 8:12)

1. Khar'kovskaya astronomicheskaya observatoriya
(Spectrophotometry) (Moon--Surface)

Fedorets, V. M.

YEZERSKIY, V.I.; FEDORETS, V.A.

Color contrasts on the moon's surface. TSir.Astron.obser.Khar.un. no.15:17-20 '56. (MLRA 10:5)

(Moon--Surface)

FEDORETS, V. A., T. A. POLOZHENTSEVA, V. G. ZEYFERT, A. N. SERGIYEVA, N. P. PARAMANOV and YEZERSKIY, V. I.

"The Determination of Color Contrasts on the Surface of the Moon by Means of Photographic Spectrophotometry."

Report presented at the Plenary Meeting of the Committee of Planetary Physics, Council of Astronomers, Khar'kov, 20-22 May 1958.
(Vest. Ak. Nauk SSSR, 1958, No. 8, p. 113-114)

30266

S/035/61/000/010/016/034
A001/A101

3.1540 (1137, 1659)

AUTHORS: Fedoretz, V.A., Yezerskiy, V.I.

TITLE: Gradient of intensity of the green coronal line from the observations of total solar eclipses of February 25, 1952, and June 30, 1954

PERIODICAL: Referativnyy zhurnal. Astronomiya i Geodeziya, no. 10, 1961, 56, abstract 10A408 ("Tsirkulyar. Astron. Observ. Khar'kovsk. un-t", 1958, no. 18, 10 - 17)

TEXT: The authors measured photometrically spectrograms of the solar corona taken by the expeditions of the Khar'kov Astronomical Observatory in February 25, 1952, and June 30, 1954. On this basis, they determined intensities of emission line λ5303 and continuous spectrum as functions of distance from the center of the solar disk. The ratio of gradients of the emission line and continuous spectrum is practically the same in all cases; it is very close to the value obtained from the observational data of 1936 and 1940.

V. Ye.

[Abstracter's note: Complete translation]

Card 1/1

3(1)

AUTHORS: Barabashov, N.P., Yezerskiy, V.I., and Fedorets, V.A. SOV/33-36-3-16/29

TITLE: On Colour Contrasts of the Lunar Surface

PERIODICAL: Astronomicheskiy zhurnal, 1959, Vol 36, Nr 3, pp 496-502 (USSR)

ABSTRACT: The paper reports on a part of the complex investigations of the Moon, carried out in the Khar'kov Observatory. The observations were made with a three-prism-spectrograph in spring and autumn 1956. The properties of reflection of the surface of the Moon, especially the colour contrasts were investigated. In the usual system of colour indices they are $0^m.2 \div 0^m.3$. In most cases it is $\Delta CI/\Delta \lg I_{550} \approx 0.6$ (almost linear). The author mentions A.T. Chekirda, V.V. Sharonov, and L.N. Radlova.
There are 10 references, 9 of which are Soviet, and 1 German.

ASSOCIATION: Khar'kovskaya astronomicheskaya observatoriya (Khar'kov Astronomical Observatory)

SUBMITTED: February 10, 1959

Card 1/1

ANGELEYKO, V.I. (Khar'kov); ZOTKIN, G.V. (Khar'kov); FEDORETS, V.M. (Khar'kov); ISKHAKOV, S.I. (Khar'kov); KRIVENKOV, K.V. (Khar'kov); RYBIN, A.S. (Khar'kov).

New grindstones. Put' i put. khoz. 8 no.11:26-27 '64 (MIRA 18:2)

KON'KOV, P.S., , kand. tekhn.nauk, dots.; DONTSOV, A.Ya., inzh.;
YURCHENKO, I.F., inzh.; ANGELEYKO, V.I., retsenzent;
BABENKO, V.I., retsenzent; ZAPREVSKIY, G.S., retsenzent;
KRIMNUS, G.Kh., retsenzent; MANIN, I.I., retsenzent;
NAUMOV, G.K., retsenzent; TOLSTOSHEY, A.N., retsenzent;
TUCHKEVICH, T.M., retsenzent; FEDORETS, V.M., retsenzent;
FEL'DMAN, M.F., retsenzent; FRANKOV, N.Ya., retsenzent;
USENKO, L.A., tekhn. red.

[Establishing work norms in railroad transportation] Tekhnicheskoe normirovanie truda na zheleznodorozhnom transporte. Moskva, Transzheldorizdat, 1963. 366 p. (MIRA 16:9)
(Railroads—Production standards)

SOMOV, G.P.; ZELENKIN, A.A.; VINOGRADOV, V.Ya.; FEDORETS, Ye.A.

Features of the occurrence of the 1959 influenza epidemic in the Far East. Zhur. mikrobiol. epid. i immun. 31 no. 10:116-119 O '60. (MIRA 13:12)

(SOVIET FAR EAST—INFLUENZA)

FEDORENKO, Ya.A.

In the Coordinating Council on Welding. Avtom. svar. 15 no.9: 91 S '62. (MIRA 15:9)

(Welding--Congresses)

FEDORENKO, Ya. D.

Using geophysical methods for isolating granitoids in eastern Transbaikalia. Sov. geol. 5 no.10:112-120 O '62. (MIRA 15:10)

1. Zabaykal'skaya geofizicheskaya ekspeditsiya.

(Transbaikalia—Granite—Maps)
(Transbaikalia—Prospecting—Geophysical methods)

FEDOREY, V.G.

Maximum discharges of rivers of the upper and middle Amur watershed. Trudy Dal'nevost. MIGMI. no.18:87-101 '64. (MIRA 17:11)

FEDOREYEV, G. A.

Cand Med Sci - (diss) "Use of short-focussed roentgen therapy in hemangiomas of external coverings." Leningrad, 1961. 23 pp; (Leningrad Pediatrics Med Inst); 250 copies; price not given; (KL, 7-61 sup, 262)

LAZAREVA, A. P.; FEDOREVEV, G. A.

On low-voltage short-focus roentgenotherapy of hemangiomas of the external tegmen. Vop. klin. lech. zlok. novoobraz. 7:135-138, '61.

1. Institut onkologii AMN SSSR (dir. — deystv. chl. AMN SSSR prof. A. I. Serebrov)

(SKIN NEOPLASMS radiother)
(HEMANGIOMA radiother)

FEDOREYEV, G.A., kand.med.nauk

Organization of therapeutic aid for children with hemangiomas of the skin. Vop.pkh.mat. i det. 7 no.12:61-63 D'62. (MIRA 16:7)

1. Iz II khirurgicheskogo otdeleniya (zav.-chlen-korrespondent AMN SSSR prof. A.I.Rakov) Instituta onkologii (dir.-deystvitel'nyy chlen AMN SSSR prof. A.I.Serebrov) AMN SSSR.
(SKIN—TUMORS) (CHILDREN—DISEASES)

FEDOREYEV, G.A.

Device for continuous intra-arterial administration of chemotherapeutic preparations. Vop. onk. 11 no.3:104-105 '65.
(MIRA 18:6)

1. Iz 2-go khirurgicheskogo otdeleniya (zav. otdeleniyem - chlen-korrespondent AMN SSSR prof. A.I. Rakov) Instituta onkologii AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. A.I. Serebrov), Moskva.

FEDOREYEV, M.A., inzh.

Some data on the intermittent method of yarn wringling on cross-wound bobbins. Tekst. prom. 23 no.12:73-77 D '63. (MIRA 17:1)

1. Spetsial'noye konstruktorskoye byuro krasil'no-otdeloch-nogo oborudovaniya Verkhne-Volzhskogo soveta narodnogo khozyaystva.

FEDOREYEVA, A. V.

AID P - 2636

Subject : USSR/Medicine

Card 1/1 Pub. 37 - 13/22

Author : Fedoreeva, A. V., Kand. Med. Sci.

Title : Problem of a large-scale introduction of methods of photoelectric calorimetry into sanitary and hygienic investigation practice

Periodical : Gig. i san., 8, 50-51, Ag 1955

Abstract : The author recommends the above methods of analysis as characterized by simplicity, exactness and efficiency. A table illustrating the results of the author's investigations is given.

Institution : Chair of Hygiene, Leningrad Pediatric Medical Institute

Submitted : Je 8, 1954

FEDORKEYEVA, A.V.

Spectrophotometric characteristics of colorimetric reactions applied to sanitary analysis of drinking water. Gidrokhim.mat. 25:217-223 '55. (MLRA 9:6)

1.Kafedra obshchey gigiyeny Leningradskogo gosudarstvennogo pediatricheskogo meditsinskogo instituta.
(Water--Analysis)

ZHUKOVSKAYA, L.K.; FEDOREYEVA, A.V. (Leningrad)

Distribution of trace elements in vegetable products of nutritional importance [with summary in English]. Vop.pit. 16 no.3:43-47 My-Je '57. (MIRA 10:10)

1. Iz kafedry fiziki (zav. - doktor tekhnicheskikh nauk M.F.Romanova) i kafedry gigiyeny (zav. - doktor meditsinskikh nauk P.N.Lastochkin [deceased]) Pediatricheskogo meditsinskogo instituta, Leningrad)
(VEGETABLES, trace elements in (Rus))
(TRACE ELEMENTS, determination, in vegetables (Rus))

AGEYEVA, A.P.; AKSENOVA-CHERKASOVA, A.S., aspiranka; VELIKANOV, L.N., bibliotekar'; GAVVA, F.M.; GIRENKO, P.D., Geroy Sots. truda; GUBANOV, M.M., pensioner; GUS'KOVA, T.K., nauchnyy sotr.; DAVYDOV, A.G., prepodavatel'; DANILEVSKIY, V.V., prof., dvazhdy laureat Stalinskoy premii; DOVGOPOL, V.I., laureat Stalinskoy premii; YELOKHIN, M.F.; YERMAKOV, A.D.; IVANOV, V.G., prepodavatel'; KOVALEVICH, V.K.; KOVALEVSKAYA, Ye.S., zhurnalistka; PANKRATOV, A.G.; POPOVA, F.M.; URYASHOV, A.V.; FEDORIN, I.M., kand. ist. nauk; FILIPPOV, F.R.; CHUMAKOV, N.P.; SHEPTAYEV, K.T., zhurnalist; VAS'KOVSKIY, O.A., kand. ist. nauk, retsenzent; KULAGINA, G.A., kand. ist. nauk, retsenzent; GORCHAKOVSKIY, P.L., prof., doktor biol. nauk, retsenzent; BAKHMUTOVA, V., red.; SAKNYN', Yu., tekhn. red.

[Nizhniy Tagil]Nizhnii Tagil. Sverdlovsk, Sverdlovskoe knizhnoe izd-vo, 1961. 294 p. (MIRA 16:1)

1. Nizhne-Tagil'skiy krayevedcheskiy muzey (for Ageyeva, Gus'kova). 2. Zaveduyushchiy gorodskim otdelom narodnogo zdravookhraneniya, Nizhniy Tagil (for Velikanov). 3. Zaveduyushchiy gorodskim sel'skokhozyaystvennym otdelom goroda Nizhniy Tagil (for Gavva). 4. Nachal'nik upravleniya stroitel'stvom Sverdlovskogo sovnarkhoza (for Girenko). 5. Deystvitel'nyy chlen Akademii nauk Ukr. SSR, Leningradskiy politekhnicheskiy institut (for Danilevskiy).

(Continued on next card)

FEDORIN, L., inzh.

Using cutting machines in working frozen ground. Stroitel' no. 12:15-18 D '60. (MIRA 13:12)
(Earthmoving machinery) (Frozen ground)

FEDORIN, Leonid Andreyevich, ; AFANAS'YEV, B.P., inzh., red.

[Working frozen fround with cutting machines] Razrabotka merzlykh gruntov vrubovymi mashinami; opyt stroitelei kombinata "Intaugol'" Komi ASSR. Moskva, Gosstroiizdat, 1961. 13 p. (MIRA 14:11)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu. Byuro tekhnicheskoy informatsii. 2. Glavnyy inzhener Upravleniya stroitel'stva i stroitel'nykh materialov sovnarkhoza Komi ASSR (for Fedorin).

(Frozen ground) (Earthwork)

FEDORIN, L.A.

Experience of the Vorkuta Construction Trust in shortening the time required for earthwork operations in winter conditions. Trudy MIEI no.15:282-287 '61. (MIRA 14:12)

1. Glavnyy inzh.upravleniya stroitel'stva Sovnarkhoza Komi ekonomicheskogo administrativnogo rayona.
(Frozen ground)
(Vorkuta—Earthwork)

FEDORIN, L. A., zasluzhennyy stroitel' RSFSR

With the diligence of seekers. Na stroi.Ros. 3 no.8:6-8 Ag '62.
(MIRA 15:12)

1. Glavnyy inzh. upravleniya stroitel'stva i promstroymaterialov Komi soveta narodnogo khozyaystva.
(Comi A.S.S.R.--Construction industry)

33727
S/122/62/000/002/007/007
D262/D301

1.7000

AUTHORS: Rusin, P.I., Yaroshevskiy, L.A., Candidates of Technical Sciences and Fedorin, N.N., Engineer

TITLE: A device for automatic dimension-control of parts during machining on surface grinding machines

PERIODICAL: Vestnik mashinostroyeniya, no. 2, 1962, 70-71

TEXT: The device, designed by the authors, is described in general terms. The principle is that the tip of the transmitting element of the instrument does not slide along the surface being ground, but drops at preset times touching the surface and returns to its original position. Contact of the tip with the surface takes place when the table reverses, i.e. when its speed is nil. When required dimensions are obtained, an impulse is relayed to a signal (sound or light) apparatus. The installation diagram is shown in Fig. 1 (P_1, P_2, P_3 are micro-switches); another figure shows the details of the transmitting element. It is stated that this device is simple in construction, more resistant to wear, more accurate

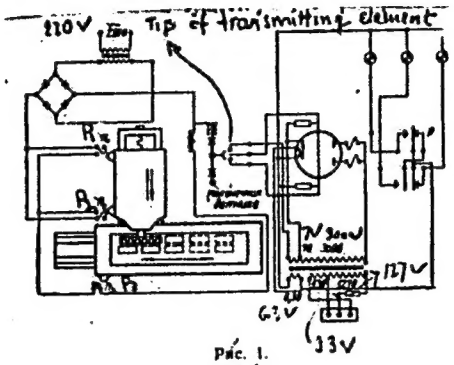
Card 1/2

33727

S/122/62/000/002/007/007
D262/D301

A device for automatic ---

and reliable than other devices of the same type. Accuracy is 20 μ . It is also stated that the principle of this device can be utilized for dimension control on milling, planning and other metal cutting machines. There are 2 figures.



Puc. 1.
Fig 1.

Card 2/2